Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 31 Aug 2023 until 23:59 on Friday 01 Sep 2023

Forecast Issued on Wednesday 30 Aug 2023 at 14:37

Confidence: Moderate for the detail of rain and showers on Thursday and Friday.

Headline for Thursday 31 Aug 2023: Cloud thickening with rain this afternoon.

Mountain weather hazards on Thursday 31 Aug 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Cloudy	Cloudy	Light rain	Light rain	Light rain
Precipitation probability							
00%	00%	00%	10%	10%	30%	80%	60%

Forecast for Thursday 31 Aug 2023

Weather: After a fine night cloud thickening through the morning, then lowering into the afternoon with rain likely arriving late afternoon. Rain could be heavy at times, persisting into the evening.

Chance of cloud-free hill tops above 600m: 90%, lowering to 20% during the afternoon.

Low cloud and visibility: Cloud bases lowering through the afternoon, to become widespread around 400-500m, perhaps with patches down to 200-300m especially on southeast facing slopes. Visibility good for much of the day, but becoming often poor or very poor in rain and low cloud covering the hills by the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 31 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 SW	6/9 SW	3/5 SW	6/8 S	10/14 S	14/21 SE	14/21 SE	12/17 SE	10/14 SE
300	6/9 SW	4/5 S	2/3 SE	6/9 S	8/13 S	11/18 SE	11/18 SE	8/15 SE	6/12 E
Valley	2/7 S	3/5 SE	3/5 E	4/7 S	7/13 S	9/17 SE	7/15 SE	7/13 SE	6/11 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	8/7	9/8	11/9	11/9	12/9	11/8	11/8	11/9
300	11/10	10/9	10/10	13/12	14/12	14/12	13/11	12/11	12/12
Valley	10/10	9/9	9/9	14/13	15/14	15/13	14/13	13/12	13/12
Freezing Level*	1800m	1900m	1800m	1800m	2100m	2900m	3000m	2700m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Despite the largely cloudy day some protection against harmful UV is advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 29 Aug 2023	0.4mm	0.4mm	0.4mm

Forecast for Friday 01 Sep 2023

Weather: Overnight low cloud and patchy rain continuing during the morning, this becoming sunny spells and showers for the afternoon, perhaps heavy and thundery. From late afternoon becoming dry with clear skies. Light winds.

Maximum wind: North-easterly 10-15 gust 20mph

Chance of cloud-free hill tops above 600m: 20% overnight improving to 60% by early afternoon and 90% by evening.

Low cloud and visibility: Cloud bases overnight 200-300 metres with poor visibility, lifting to 400 metres through the morning and breaking through the afternoon as the visibility becomes very good, largely clear through the evening.

Temperature: **Valleys:** Ps 10 BECMG Ps 17 Celsius
At 600m: Ps 12 Celsius
Freezing level: Well above the summit

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